

Application No.: 10/015,436

Docket No.: 209372-81449

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A plastic double-walled structural panel suitable for a vehicle comprising:

an outer panel comprised of plastic and having a top portion, first and second longitudinal ends, ~~first and second lateral ends~~, an outer appearance surface, an inner surface, and one or more outer attachment points;

an inner panel comprised of plastic and having a top portion, first and second longitudinal ends, ~~first and second lateral~~ top and bottom vertical ends, an inner appearance surface, and one or more inner attachment points;

a support structure comprised of plastic that is formed integrally as a single component with ~~one of the inner panel and outer panels~~; wherein the plastic support structure extends both longitudinally between from the first longitudinal end to the and second longitudinal end ends and laterally vertically from between the top vertical end to the ~~first and second lateral bottom vertical end ends of the inner panel and outer panels~~; and

at least one connector for connecting one or more inner attachment points and one or more outer attachment points,

wherein said outer panel and said inner panel are detachably connected.

2. (Canceled)

3. (Canceled)

4. (Original) A structural panel as recited in claim 1, wherein the support structure includes integral inner supports.

5. (Original) A structural panel as recited in claim 4, wherein the inner supports extend forward from the appearance surface of the inner panel and form a plurality of compartments.

6. (Original) A structural panel as recited in claim 1, including a hardware bracket connected to the inner panel at a hardware attachment point.

Application No.: 10/015,436

Docket No.: 209372-81449

7. (Original) A structural panel as recited in claim 6, wherein the hardware bracket is L-shaped or K-shaped and is connected to the inner panel.

8. (Original) A structural panel as recited in claim 1, wherein the connectors are integrally formed at the inner attachment point of the inner panel or at the outer attachment point of the outer panel and such connectors mate with corresponding features in the opposing panel.

9. (Original) A structural panel as recited in claim 8, wherein the corresponding features in the opposing panel includes apertures, slots, grooves, hooks, or flanges.

10. (Original) A structural panel as recited in claim 1, wherein the connectors include bolts, screws, clips, or pins for connecting the inner panel and the outer panel.

11. (Original) A structural panel as recited in claim 1, including hardware connected to the inner panel.

12. (Original) A structural panel as recited in claim 11, wherein the hardware includes hinges, latches, locks, straps, cables, wires, clips, hooks, or lighting equipment.

13. (Original) A structural panel as recited in claim 1, wherein the outer panel is injection molded, blow molded, vacuum formed, or compression molded.

14. (Original) A structural panel as recited in claim 1, wherein the inner panel is injection molded, compression molded, blow molded, extrusion molded, or thermoformed.

15. (Original) A structural panel as recited in claim 1, wherein the outer appearance surface of the outer panel or the inner appearance surface of the inner panel is comprised of high-impact and corrosion-resistant thermoplastic.

16-18. (Canceled)

Application No.: 10/015,436

Docket No.: 209372-81449

19. (Original) A structural panel as recited in claim 1, wherein the inner panel and the outer panel form at least one compartment.

20. (Canceled)

21. (Currently Amended) A plastic double-walled structural panel suitable for a vehicle, comprising:

an outer panel comprised of plastic and having a top portion, first and second longitudinal ends, an outer appearance surface, an inner surface, and one or more outer attachment points;

an inner panel comprised of plastic and having first and second longitudinal ends, ~~first and second lateral top and bottom vertical~~ ends, an inner appearance surface, a plastic support structure formed integrally as a single component with the inner panel, and inner attachment points corresponding to one or more outer attachment points of the outer panel;

wherein the plastic support structure extends longitudinally ~~between from~~ the first longitudinal end to the ~~end the~~ second longitudinal ~~endends~~, and extends ~~laterally between~~ vertically from the top end to the bottom end ~~first and second lateral ends~~ of the inner panel;

a hardware bracket connected to the inner panel; and

at least one connector for connecting at least one inner attachment point of the inner panel and at least one corresponding outer attachment point of the outer panel,

wherein said outer panel and said inner panel are detachably connected.

22-28. (Canceled)

29. (Previously Presented) A structural panel as recited in claim 1, wherein the support structure is integrally connected to only one of the inner or outer panels.

Application No.: 10/015,436

Docket No.: 209372-81449

30. (Currently Amended) A plastic double-walled structural panel suitable for a vehicle, comprising:

an outer panel comprised of plastic and having a top portion, first and second longitudinal ends, an outer appearance surface, an inner surface, and one or more outer attachment points;

an inner panel comprised of plastic and having a top portion, first and second longitudinal ends, top and bottom vertical ends, an inner appearance surface, and one or more inner attachment points;

a support structure comprised of plastic and formed as a single component with the inner panel. the support structure extends from the first longitudinal end to the second longitudinal end and vertically from the top vertical end to the bottom vertical end such that portions of the support structure are configured to define at least one storage compartment that is connected to only one of the inner and outer panels; and

at least one connector for connecting one or more inner attachment points and one or more outer attachment points,

wherein said outer panel and said inner panel are detachably connected.